

Benchmarks with 3DMark

Nov 6, 2018

ykchoi@harsper.co.kr

Overview

This benchmark is a measure of the GPU's computing power using 3DMark.

Tools

3DMark is a computer benchmarking tool created and developed by UL, (formerly Futuremark), to determine the performance of a computer's 3D graphic rendering and CPU workload processing capabilities (<https://en.wikipedia.org/wiki/3DMark>)

Environment

Processor

- Intel Core i5-7500 Processor
- Reported stock core clock : 3,400 MHz
- Maximum turbo core clock : 3,802 MHz
- Physical / logical processors : 1 / 4
- # of cores : 4

General

- Operating system : 64-bit Windows 10 (10.0.17134)
- Motherboard : ASRock H110M-ITX/ac
- Memory : 16,384 MB



- Module 1 : 8,192 MB Samsung DDR4 @ 2,398 MHz
- Module 2 : 8,192 MB Samsung DDR4 @ 2,398 MHz
- Hard drive model : 120 GB SATA3 SSD 120GB

Graphics card (Primary)

- Graphics Card : NVIDIA GeForce GTX 1080
- Vendor : Giga-Byte Technology Co., Ltd.
- # of cards : 1
- SLI / CrossFire : Off
- Memory : 8,192 MB
- Core clock : 1,607 MHz
- Memory bus clock : 1,251 MHz
- Driver version : 24.21.13.9924

Graphics card (Secondary)

- Graphics Card : Intel HD Graphics 630
- # of cards : 1
- SLI / CrossFire : Off
- Memory : 0 MB
- Core clock : 350 MHz
- Memory bus clock : 1200 MHz
- Driver version : 23.20.16.4973

Results

		Intel HD 630	NVIDIA GTX 1080
Time Spy (V1.0)	Score	447	6249
	Graphics score	388	7130

	CPU test	3342	3676
Fire Strike (V1.1)	Score	1171	15249
	Graphics score	1285	21901
	Physics score	7879	8055
	Combined score	399	7869
Sky Diver (V1.0)	Score	4773	29280
	Graphics score	4447	71287
	Physics score	7860	8193
	Combined score	4600	18785
Night Raid (V1.0)	Score	5809	28849
	Graphics score	5808	80358
	CPU test	5821	6228
Cloud Gate (V1.1)	Score	8730	22291
	Graphics score	10359	129427
	Physics score	5631	5720

